

[ ] Film Processor

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Frequent spot checks on this job were made since it is nearing completion and is actually overdue.

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[ ] has been working strenuously night and day to complete the machine. All but one of the problems seemed to be solved. The one remaining problem is the air squeegee which removes the excess moisture from the film just before it enters the dry box. Unless this is done properly, streaking, mottling and water spotting result.

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A satisfactory 9½" air squeegee has never yet been made and [ ] is having trouble. They sent for

[ ] help them out. All wide film machines use rubber rollers or chamois covered rollers to remove excess moisture and prevent droplets from forming just before the film goes into the dry box.

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Since a major virtue [ ] is that the emulsion is not touched by other than liquid or air from dry-to-dry, an air squeegee must be used.

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[ ] has a good 35 mm squeegee which can probably be widened to handle 9½" film. It will probably take a 10 horsepower blower to get sufficient air.

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[ ] is already a large machine which requires considerable power to run the pumps, blowers and heaters, but it will run film faster than any existing wide film machine that I know of.

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Sensitometric tests have not been run on the thin positive films which are difficult to handle because of their very short development time. There is considerable doubt whether this machine can do [ ] satisfactorily.

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A review of the [ ] contracts and proposals.

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1. [ ]

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Work on this contract is complete. The machine was received back from March AFB [ ] where it was undergoing a series of tests. This is the machine to be used in the investigative program on processing factors. The contract is not closed yet. There is to be a negotiation for the closing of the contract. The negotiation was postponed until a contract audit was performed. [ ] has received no word regarding any action on the audit. They are very anxious to have the audit performed and get the contract closed. If there is anything they can do to speed up action, they would like to do it. The machine is stored at the North end of the plant, adjacent to the area where the investigative program is to be performed.

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[ ] is rearranging their facility to accommodate the investigative program. The area to be used is presently occupied by accounting. They have moved engineering to a new building separate building and rearranged the vacated space to accommodate accounting.

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The pre-contract work [ ] to open up the North end of the plant for the proposed work means that they can start right to work on the contract as soon as it is received. The biggest delay will be delivery of the clean room. There doesn't seem to be any way they can get that on order until the contract is received.

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2. [ ] Film Dryer ABD/4.

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This contract is complete and closed out. When [ ] made his acceptance inspection, he indicated that although the machine was acceptable there were a number of things that could be improved [ ] spend a couple of weeks on the machine. [ ] simplified it and changed it quite a bit [ ] claims that it is working right and tracking properly although I have not seen it run since it was changed. Air recirculation can now be varied from 0 to 100%. [ ] is being stored adjacent [ ] and is available for the investigative program.

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Please don't have the machine shut down for anything.

If anything goes wrong just turn the speed control down to zero, after which any trouble you might have run into can be solved. If you do it this way it will not count as a shutdown.

We've ran ever since 2.00 this afternoon and so far things have gone good.

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Both do know what to do in almost any case which might arise.  
Thank you for your cooperation.

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